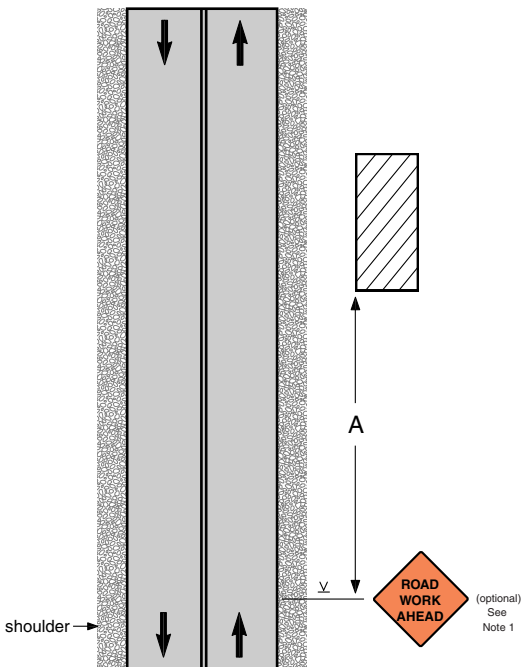


Short Term Stationary
(1 to 12 hours)

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Work Outside the Shoulder

(Short Term Stationary – 1 to 12 hours)

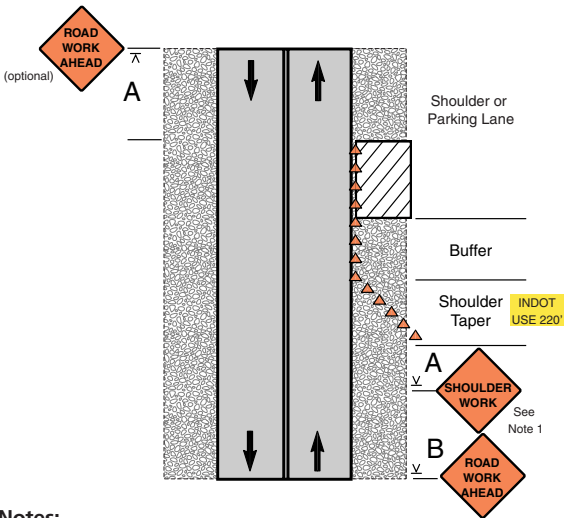


Notes:

1. If vehicle and work activity are both behind a guard rail, more than 2' behind a curb, or 15' or more from the edge of any roadway, *then only an activated flashing or revolving yellow light is needed.*
2. Other acceptable advance warning signs are those indicating SHOULDER WORK, UTILITY WORK AHEAD, or the WORKERS sign.
3. An advance warning sign should be used; if the work will be performed immediately adjacent to the shoulder if equipment will cross or move along the roadway or if the activity may distract motorists.

Work on Shoulder or Parking Lane

(Short Term Stationary – 1 to 12 hours)



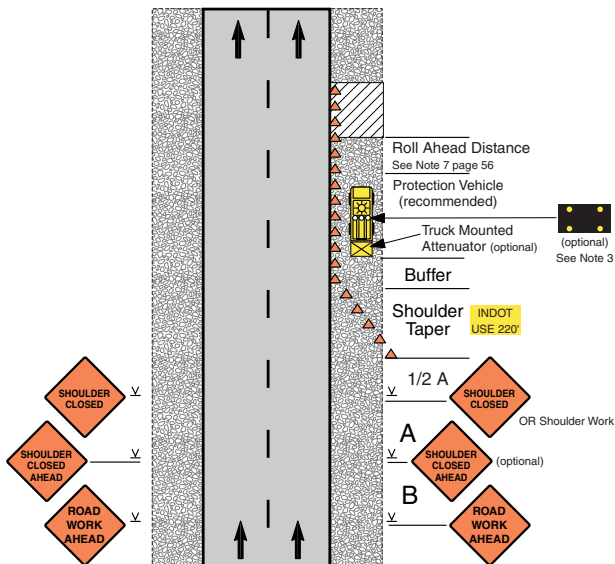
Notes:

1. WORKERS or UTILITY WORK AHEAD signs may be used instead of the SHOULDER WORK or ROAD WORK AHEAD signs.

Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Buffer (ft)
25	200	200	55
30	200	200	85
35	350	350	120
40	350	350	170
45	500	500	220
50	500	500	280
55	500	500	335

Shoulder Closed on Divided Roadway

(Short Term Stationary – 1 to 12 hours)



Notes:

1. SHOULDER CLOSED signs should be used on limited-access highways where there is no opportunity for disabled vehicles to pull off the traveled way.
2. UTILITY WORK AHEAD or WORKERS signs may be used instead of the ROAD WORK AHEAD sign.
3. Use of an arrow display is optional. If used, it shall be operated in the caution mode.
4. On non-freeway multilane roads in urban areas, the sign spacing may be reduced as shown in the chart on page 2.

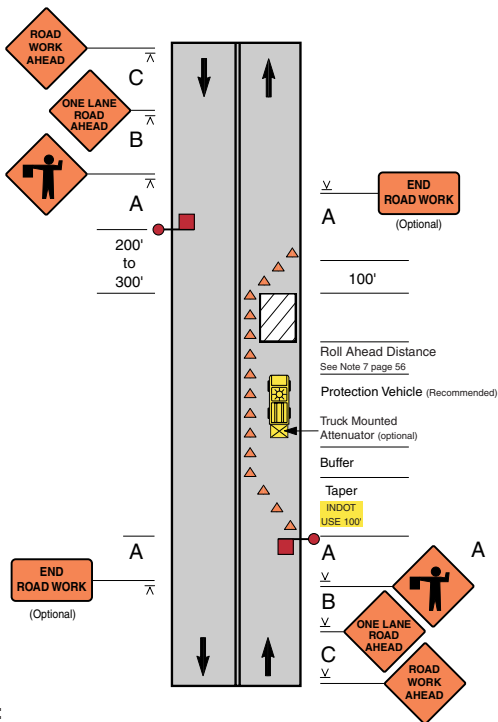
Speed Limit (mph)	Sign Spacing (ft)		Buffer (ft)
	A	B	
35	350	350	120
40	350	350	170
45	500	500	220
50	1000	1600	280
55	1000	1600	335
60	1000	1600	415
65	1000	1600	485

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Lane Closure on a Two-Lane Road (Two Flagger Operation) (Short Term Stationary – 1 to 12 hours)



Notes:

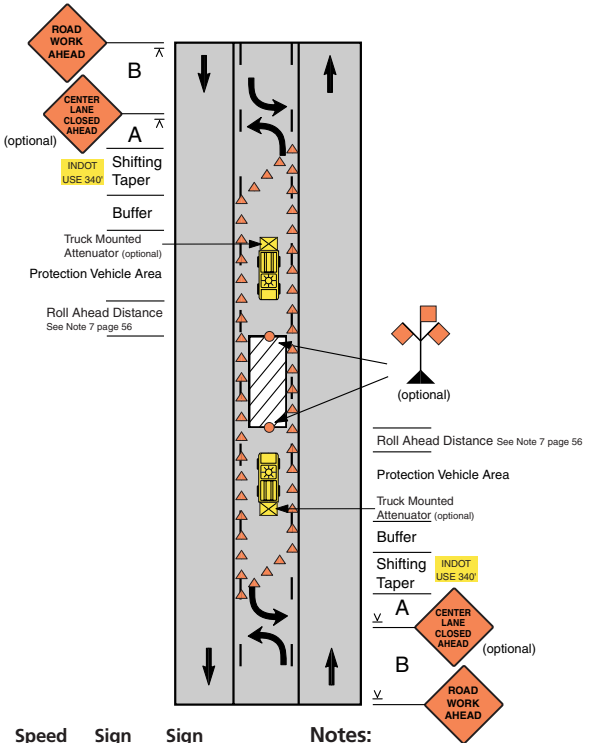
1. The flagger or flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 68.
2. If there is a sideroad intersection within the work area, additional traffic control, such as flaggers and appropriate

signage, may be needed on the sideroad approaches.

Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Sign Spacing C (ft)	Buffer
25	200	200	200	55
30	200	200	200	85
35	350	350	350	120
40	350	350	350	170
45	500	500	500	220
50	500	500	500	280
55	500	500	500	335

Center Turn Lane Closed

(Short Term Stationary – 1 to 12 hours)



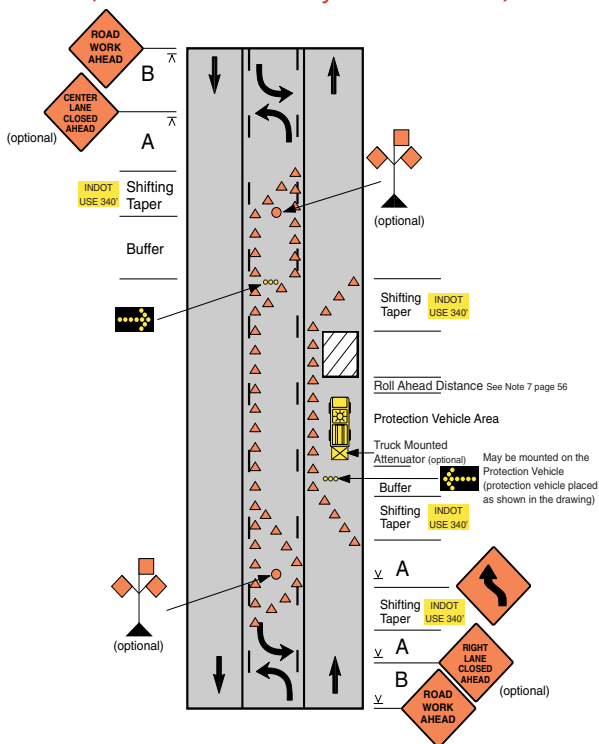
Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Buffer (ft)
25	200	200	55
30	200	200	85
35	350	350	120
40	350	350	170
45	500	500	220
50	500	500	280
55	500	500	335

Notes:

1. LARGE ARROW sign may be used at the shift for added visibility.

Lane Shift on a Three-Lane, Two-Way Road

(Short Term Stationary – 1 to 12 hours)



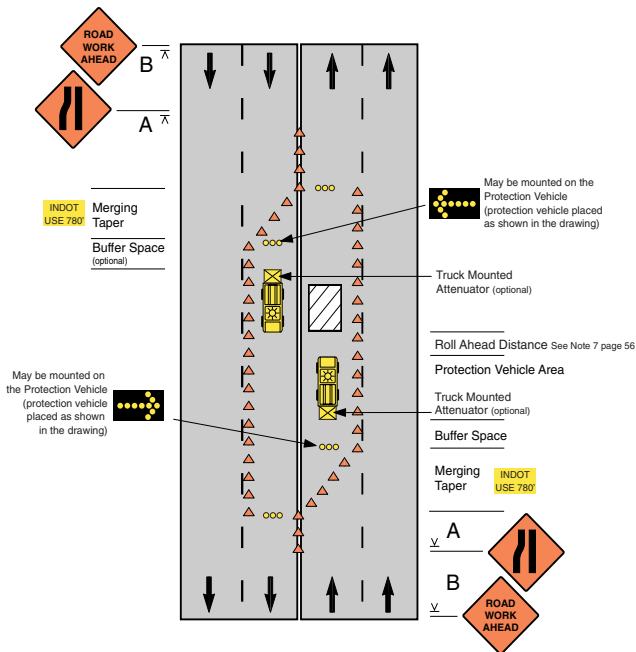
Notes:

1. LARGE ARROW signs may be used at the shifts for added visibility.
2. If the speeds are 30 MPH or less, REVERSE TURN signs shall be used instead of REVERSE CURVE.

Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Buffer (ft)
25	200	200	55
30	200	200	85
35	350	350	120
40	350	350	170
45	500	500	220
50	500	500	280
55	500	500	335

Lane Closure on a Four-Lane Undivided Road

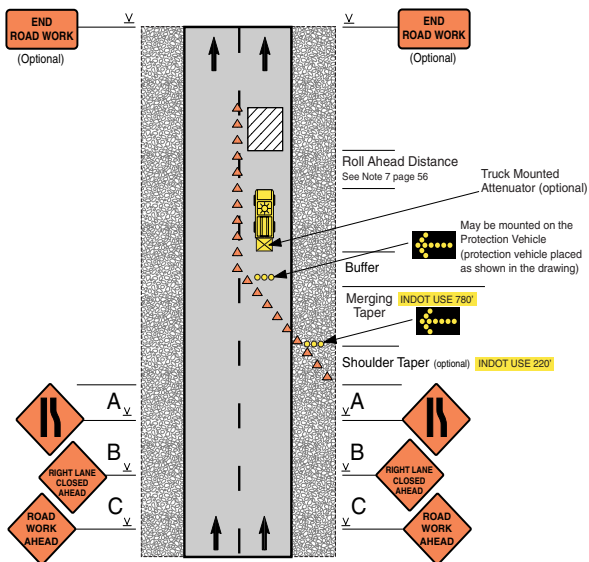
(Short Term Stationary – 1 to 12 hours)



Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Buffer (ft)
25	200	200	55
30	200	200	85
35	350	350	120
40	350	350	170
45	500	500	220
50	500	500	280
55	500	500	335
60	1000	1600	415
65	1000	1600	485

Lane Closure on Divided Roadway or One Way Street

(Short Term Stationary – 1 to 12 hours)

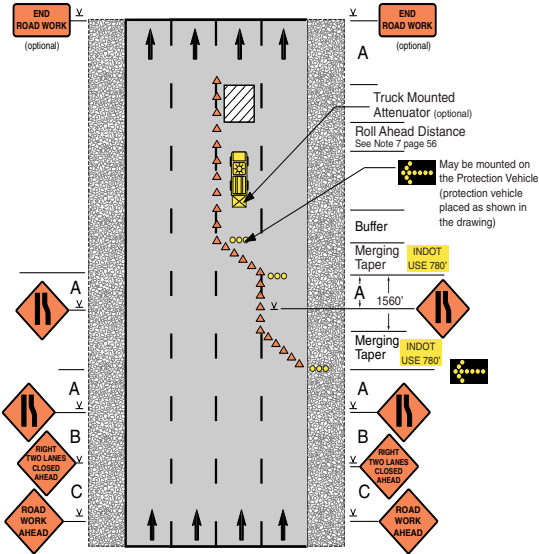


Notes:

1. When a side road intersects the roadway within the work zone, additional devices shall be erected to channelize traffic to/from the side road, and a ROAD WORK AHEAD sign shall be placed on each side road approach.
2. On non-freeway multi-lane roads in urban areas, the sign spacing may be reduced as shown in the chart on page 2.

Speed Limit (mph)	Sign Spacing (ft)			Buffer (ft)
	A	B	C	
30	200	200	200	85
35	350	350	350	120
40	350	350	350	170
45	500	500	500	220
50	1000	1600	2600	280
55	1000	1600	2600	335
60	1000	1600	2600	415
65	1000	1600	2600	485

Double Lane Closure on Divided Roadway (Short Term Stationary – 1 to 12 hours)



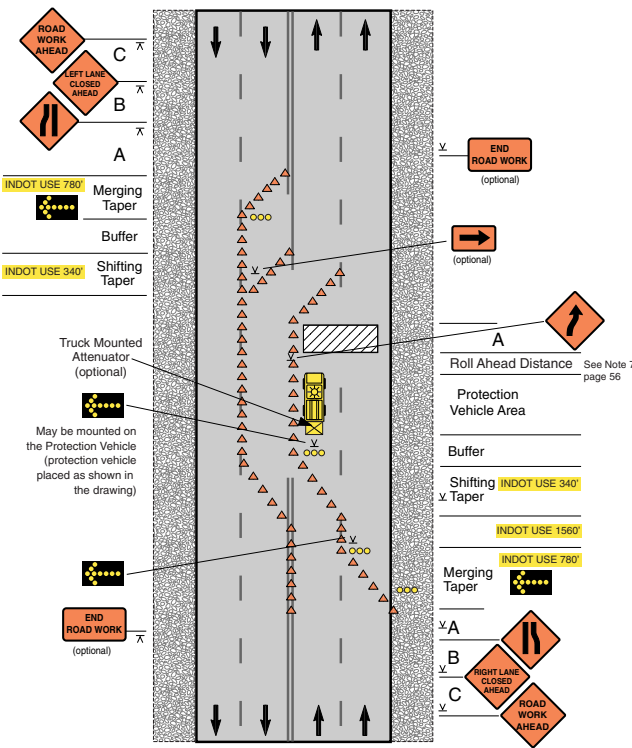
Notes:

- When a side road intersects the roadway within the work zone, additional devices shall be erected to channelize traffic to/from the side road, and a ROAD WORK AHEAD sign shall be placed on each side road approach.
- On non-freeway multilane roads in urban areas, the sign spacing may be reduced as shown in the chart on page 2.

Speed Limit (mph)	Sign Spacing (ft)			Buffer (ft)
	A	B	C	
35	350	350	350	120
40	350	350	350	170
45	500	500	500	220
50	1000	1600	2600	280
55	1000	1600	2600	335
60	1000	1600	2600	415
65	1000	1600	2600	485

Half Road Closure on Multilane Roadway

(Short Term Stationary – 1 to 12 hours)



Speed Limit (mph)	Sign Spacing A, B, C (ft)	Buffer (ft)
25	200	55
30	200	85
35	350	120
40	350	170
45	500	220
50	500	280
55	500	335

Half Road Closure on Multilane Roadway (cont.)

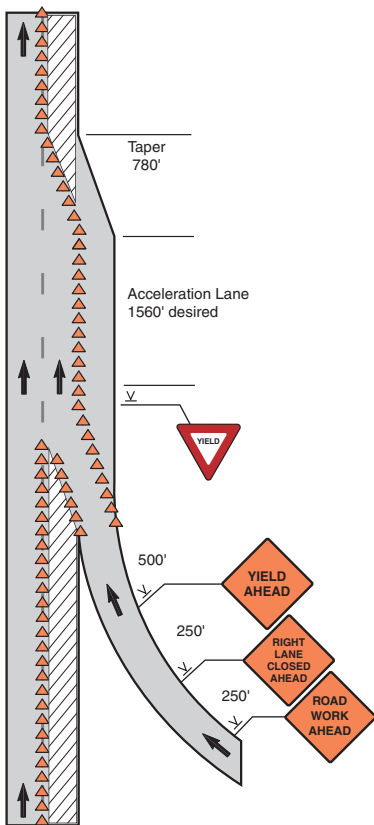
(Short Term Stationary – 1 to 12 hours)

Notes

1. Channelizing devices shall be more closely spaced when the pavement markings conflict with the temporary travel path.
2. When a side road intersects the roadway within the work zone, additional devices shall be erected to channelize traffic to/from the side road and a ROAD WORK AHEAD sign shall be placed on each side road approach.
3. INDOT policy requires the use of four arrow boards when closing a lane on multi-lane highways.

Mainline Right Lane Closed, Entrance Ramp Open

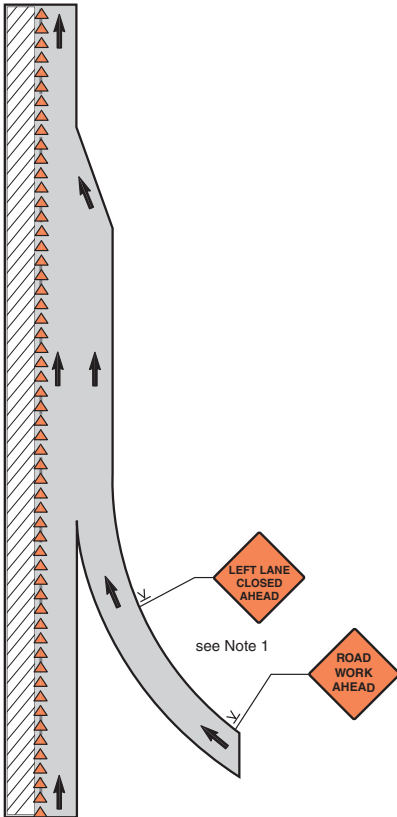
(Short Term Stationary – 1 to 12 hours)



Notes:

1. Black on white 45mph sign on ramp is optional if mainline speed limit has been temporarily reduced to 45 mph.

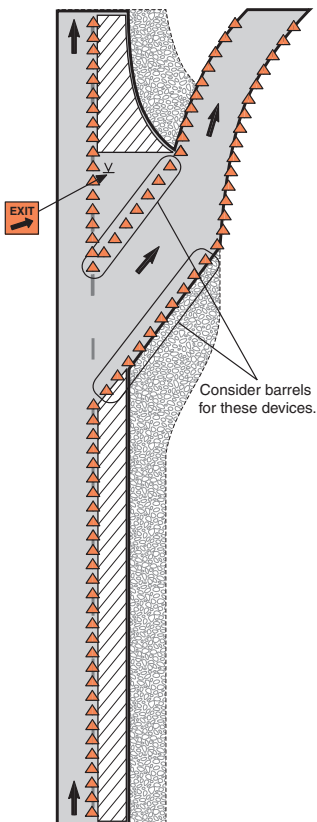
**Mainline Left Lane Closed,
Entrance Ramp Open**
(Short Term Stationary – 1 to 12 hours)



Notes:

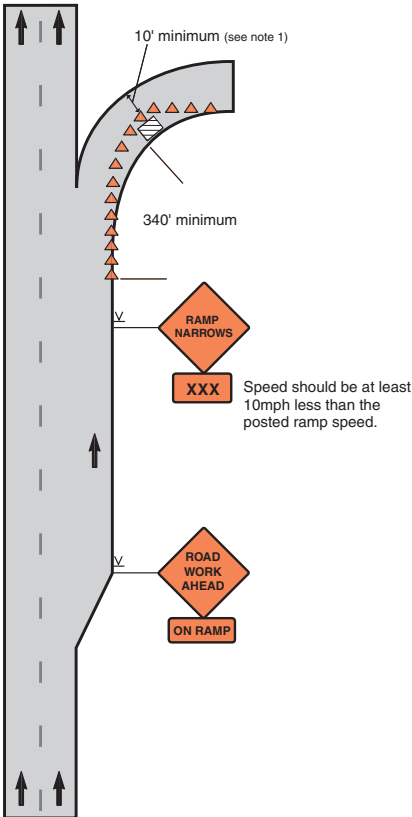
1. The advance warning sign spacing is dependent on the ramp length and location of existing signing. The spacing should be as long as possible.
2. Black on white 45 mph sign on ramp is optional if mainline speed limit has been temporarily reduced to 45mph.

**Mainline Right Lane Closed,
Exit Ramp Open**
(Short Term Stationary – 1 to 12 hours)



Partial Ramp Closure

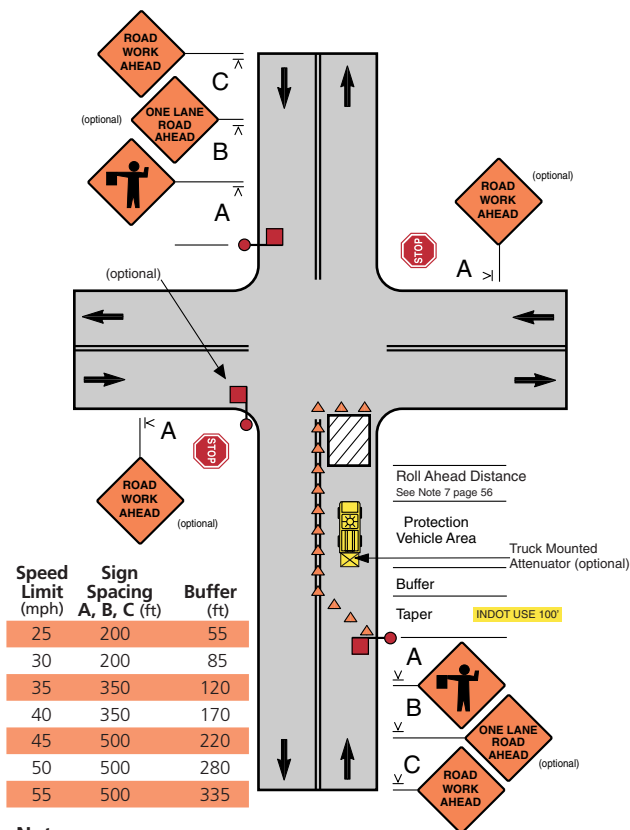
(Short Term Stationary – 1 to 12 hours)



Notes:

1. Truck off-tracking should be considered when determining whether the 10' minimum lane width is adequate.

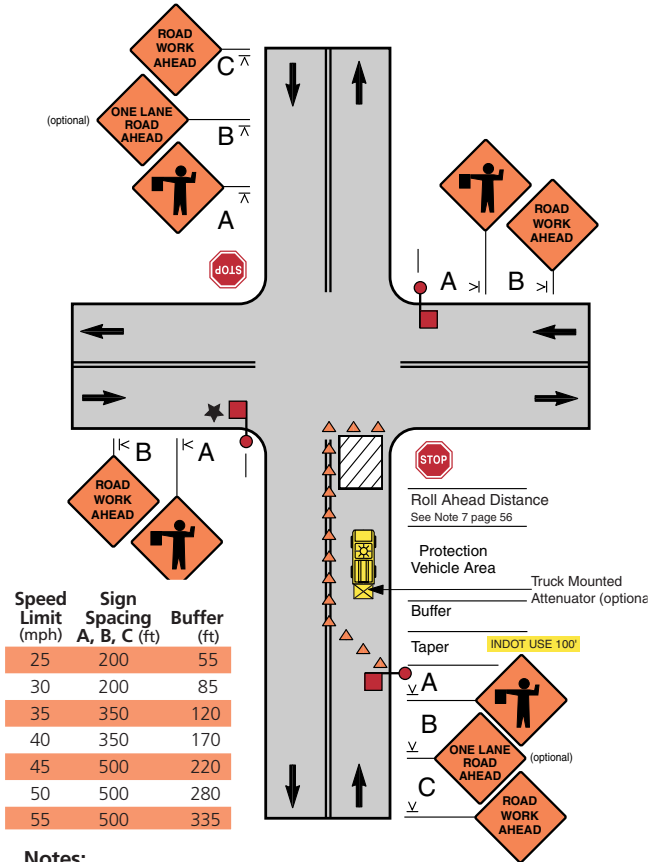
Lane Closure in Advance of an Intersection (Work Area on the Through Road) (Short Term Stationary – 1 to 12 hours)



Notes:

1. Depending on traffic conditions, additional traffic control, such as flaggers and appropriate signage, may be needed on the side road approaches.
2. The middle flagger (optional) has the best view of traffic from all directions. "Flagger Ahead" signs should be used in all 4 directions when the optional middle flagger is used.
3. If the speed limit is less than or equal to 35mph, at a signalized intersection, then the protection vehicle is optional.
4. The flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 68.

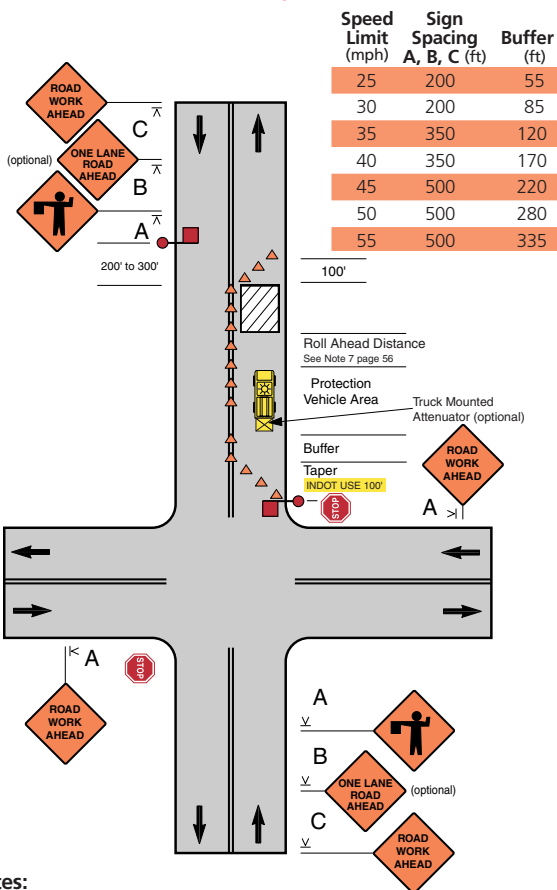
Lane Closure in Advance of an Intersection (Work Area on the Side Road) (Short Term Stationary – 1 to 12 hours)



Lane Closure Beyond an Intersection

(Work Area on the Through Road)

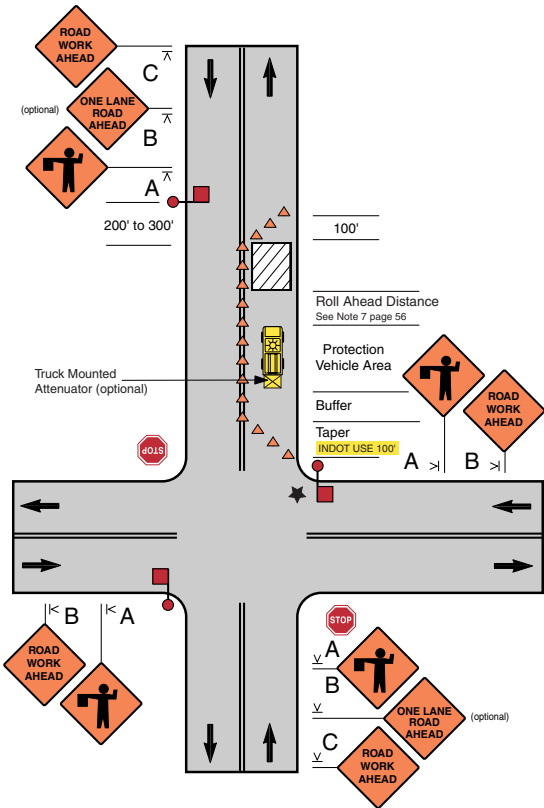
(Short Term Stationary – 1 to 12 hours)



Notes:

1. Depending on traffic conditions, additional traffic control, such as flaggers and appropriate signage, may be needed.
2. The flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 68.
3. When there is insufficient space the Protection Vehicle, Roll Ahead Distance, Taper, and Buffer are not used.
4. If the speed limit is less than or equal to 35mph, at a signalized intersection, then the protection vehicle is optional.

Lane Closure Beyond an Intersection
(Work Area on the Side Road)
(Short Term Stationary – 1 to 12 hours)



Speed Limit (mph)	Sign Spacing A, B, C (ft)	Buffer (ft)
25	200	55
30	200	85
35	350	120
40	350	170
45	500	220
50	500	280
55	500	335

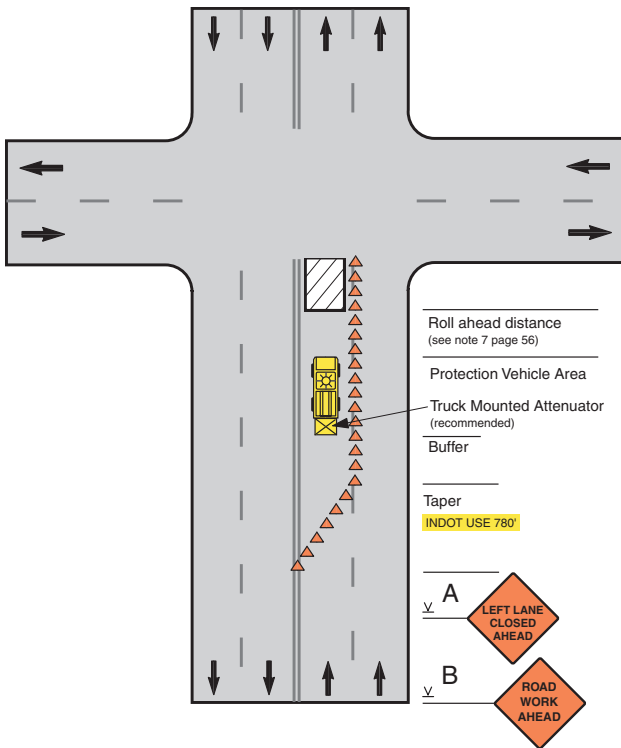
Lane Closure Beyond an Intersection (cont.)

(Short Term Stationary – 1 to 12 hours)

Notes:

1. Depending on traffic conditions, additional traffic control, such as flaggers and appropriate signage, may be needed.
- ★ 2. The middle flagger should be designated ***lead flagger*** and should coordinate the actions of the other flaggers.
3. The flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 68.
4. When there is insufficient space the Protection Vehicle, Roll Ahead Distance, Taper, and Buffer are not used.
5. If the speed limit is less than 35mph at a signalized intersection, then the protection vehicle is optional.

Lane Closure at a Signalized Intersection (Short Term Stationary – 1 to 12 hours)



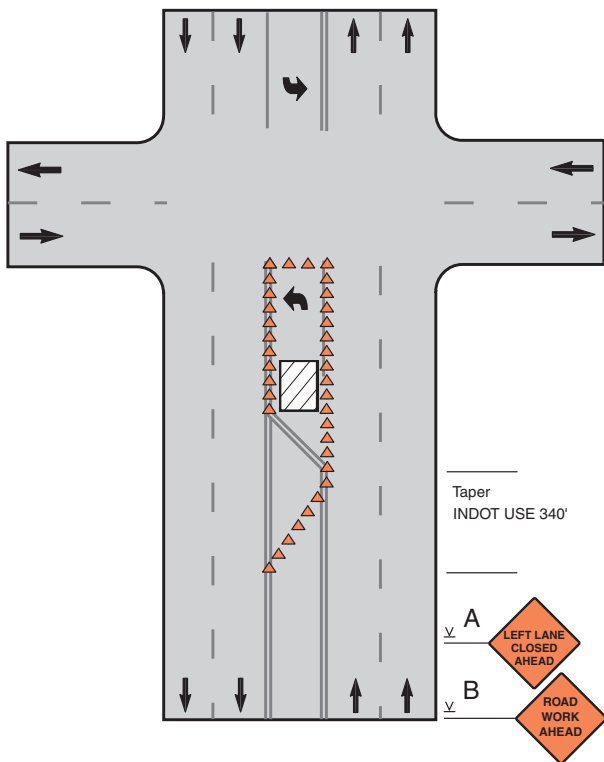
Notes:

1. Protection vehicle is optional if speed limit is less than or equal to 35mph, but a flagger with a flag should be stationed inside cone taper to slow oncoming traffic.
2. If working on far side of intersection, see page 42.
3. The length of tapers may be adjusted when used in close proximity to crossroads, curves, or other influencing factors.

Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)	Buffer (ft)
25	200	200	55
30	200	200	85
35	350	350	120
40	350	350	170
45	500	500	220
50	500	500	280
55	500	500	335

Turn Lane Closure at a Signalized Intersection

(Short Term Stationary – 1 to 12 hours)



Notes:

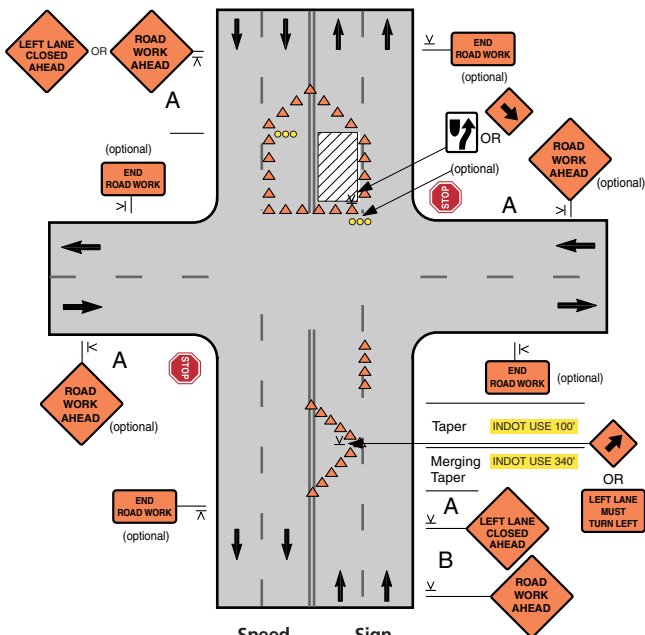
1. Lane may be opened beyond work area.
2. The length of the tapers may be adjusted when used in close proximity to crossroads, curves, or other influencing factors.

Speed Limit (mph)	Sign Spacing A (ft)	Sign Spacing B (ft)
25	200	200
30	200	200
35	350	350
40	350	350
45	500	500
50	500	500
55	500	500

Lane Closure on Far Side of Intersection

(Speeds of 35 mph or Less)

(Short Term Stationary – 1 to 12 hours)



Speed Limit (mph)	Sign Spacing (ft)	
	A	B
25	200	200
30	200	200
35	350	350

Notes:

1. This layout is only appropriate for roads with speeds of 35 MPH or less. For higher speeds, see table on page 26 for advance signing and taper layout.
2. Standard procedure is to close any lane that is not carried through the intersection on the near side of the intersection. However, if this results in the closure of a lane having significant turning movements, then that lane may be converted to a turn bay, and/or the lane may be restricted to turns only, as shown.
3. A LARGE ARROW sign may be used instead of the KEEP RIGHT or DOWN ARROW sign where space permits.